

CHAPTER VII UTILITIES

EXHIBIT "B"

Route I-35, Clay County
Job No. J4I0110

ACTUAL COST ESTIMATE

XYZ Pipeline Company

Pipeline Relocation MP 209.8-211.0-East Leg, A.F.E. 2104

1. Materials

250'	- 12 3/4" O.D. Casing	@	\$10.09	2,510
6000'	- 8 5/8" O.D. Line Pipe	@	6.41	38,460
	Miscellaneous Material (Vent Pipe, Seals, Rip Rap, etc.)			1,250
	Freight			<u>400</u>
	Subtotal			42,620
	Handling Charge 8%			3,410
	Total Material			46,030

2. Right of Way

200 Rods	@	4.50	900
R/W Agent			<u>400</u>
	Total Right of Way		1,300

3. Product Loss

5200 gallons			5,044
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4. Company (Direct Labor)

Employee Benefits - 31.36% of 2b, 4a & 8; (Retirement, Social Security, Vacation, Sick Leave, etc.)			<u>1,960</u>
	Total Company Direct Labor & fringes		5,960

5. Company Vehicle and Equipment (pickup
& stopple equipment truck)

1,200

6. General Overhead & Administration

@ 23.47% of Items 4 and 5			1,680
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Actual Cost Estimate

Figure 7-02.11

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CHAPTER VII UTILITIES

7.	Contract Expense	
	Construction Contract	
	Haul, string, & lay new pipe and encasement	96,000
	Take up 5700' pipe (existing)	7,500
	Bevel & recondition	3,000
	Stopple Technician	<u>1,200</u>
	Total Contract Expense	107,700

8.	Engineering	
	Surveying	800
	Preliminary Engineering	525
	Construction Engineering	<u>525</u>
	Total Engineering	1,850

9.	Credits	
	Salvage - 5700' of 8 5/8" O.D. Line Pipe	23,940

SUMMARY

(1)	Material	46,030
(2)	Right of Way	1,300
(3)	Product Loss	5,044
(4)	Company Direct Labor	5,960
(5)	Vehicle and Equipment	1,200
(6)	General Overhead & Administration	1,680
(7)	Contract Expense	107,700
(8)	Engineering	1,850
(9)	Credits	<u>-23,940</u>

	Total Cost	146,824
4220' of 5800' on Company's private easement		
$\frac{4220'}{5800'} = 72.7\% = \text{Commission's Obligation}$		
5800'		106,888
$\frac{1580'}{5800'} = 27.3\% = \text{Company's Obligation}$		
5800'		39,936

Actual Cost Estimate

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Job No. J4I0110

ACTUAL COST ESTIMATE

XYZ Pipeline Company

Pipeline Relocation MP 209.8-211.0-East Leg, A.F.E. 2104

1. Materials

76 m	- 319 mm O.D. Casing	@	\$32.63	2,480
1829 m	- 216 mm O.D. Line Pipe	@	21.37	39,086
	Miscellaneous Material (Vent Pipe, Seals, Rip Rap, etc.)			1,250
	Freight			<u>400</u>
	Subtotal			43,216
	Handling Charge 8%			3,457
	Total Material			46,673

2. Right of Way

200 Rods	@	4.50	900
R/W Agent			<u>400</u>
	Total Right of Way		1,300

3. Product Loss

19,684 liters			5,044
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4. Company (Direct Labor)

Employee Benefits - 31.36% of 2b, 4a & 8; (Retirement, Social Security, Vacation, Sick Leave, etc.)			<u>1,960</u>
Total Company Direct Labor & fringes			5,960

5. Company Vehicle and Equipment (pickup
& stopple equipment truck)

1,200

6. General Overhead & Administration

@ 23.47% of Items 4 and 5			1,680
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Actual Cost Estimate

Figure 7-02.11

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METRIC**CHAPTER VII
UTILITIES**

7.	Contract Expense	
	Construction Contract	
	Haul, string, & lay new pipe and encasement	96,000
	Take up 1737 m pipe (existing)	7,500
	Bevel & recondition	3,000
	Stopples Technician	<u>1,200</u>
	Total Contract Expense	107,700

8.	Engineering	
	Surveying	800
	Preliminary Engineering	525
	Construction Engineering	<u>525</u>
	Total Engineering	1,850

9.	Credits	
	Salvage - 1737 m of 216 mm O.D. Line Pipe	23,940

SUMMARY

(1)	Material	46,673
(2)	Right of Way	1,300
(3)	Product Loss	5,044
(4)	Company Direct Labor	5,960
(5)	Vehicle and Equipment	1,200
(6)	General Overhead & Administration	1,680
(7)	Contract Expense	107,700
(8)	Engineering	1,850
(9)	Credits	<u>-23,940</u>
	Total Cost	147,467

1286 m of 1768 m on Company's private easement

$\frac{1286 \text{ m}}{1768 \text{ m}} = 72.7\% = \text{Commission's Obligation}$	
	107,264

$\frac{482 \text{ m}}{1768 \text{ m}} = 27.3\% = \text{Company's Obligation}$	
	40,203

Actual Cost Estimate